

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L2	8	("4475394"). URPN.	USPAT	OR	ON	2009/11/18 01:01
L3	13622	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L4	261	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L5	1371	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L6	238	L3 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L7	3	L4 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L8	45	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L9	24	L6 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L10	17	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L11	8	("4475394"). URPN.	USPAT	OR	ON	2009/11/18 01:01

L12	13622	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L13	261	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L14	1371	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L15	238	L12 and L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L16	3	L13 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L17	45	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L18	24	L15 and L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L19	1293	(detect\$4 or sens\$4 or find\$4 or locat\$4) near5 (flaw or defect or crack) near5 (grow\$4 or expan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L20	508	(compar\$4 or analyz\$4) near5 (first and second) near5 (crack or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L21	11	L19 and L20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L22	2	"7240554".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L23	2	("7240554").URPN.	USPAT	OR	ON	2009/11/18 01:01

L24	17	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L25	8	("4475394"). URPN.	USPAT	OR	ON	2009/11/18 01:01
L26	13622	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L27	261	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L28	1371	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L29	238	L26 and L28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L30	3	L27 and L29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L31	45	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L32	24	L29 and L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L33	17	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L34	8	("4475394"). URPN.	USPAT	OR	ON	2009/11/18 01:01
L35	13622	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L36	261	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L37	1371	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L38	238	L35 and L37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L39	3	L36 and L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L40	45	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L41	24	L38 and L40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L42	1293	(detect\$4 or sens\$4 or find\$4 or locat\$4) near5 (flaw or defect or crack) near5 (grow\$4 or expan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L43	508	(compar\$4 or analyz\$4) near5 (first and second) near5 (crack or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L44	11	L42 and L43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L45	2	"7240554".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L46	2	("7240554"). URPN.	USPAT	OR	ON	2009/11/18 01:01
L47	2	11/764937	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L48	1	10/539270	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L49	0	(ultrasonic or ultrasound) near5 weld adj3 seam same ecod\$4 near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01



L50	0	(ultrasonic or ultrasound) near5 weld adj3 seam same encod\$4 near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L51	243	(ultrasonic or ultrasound) near5 weld adj3 seam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L52	0	(ultrasonic or ultrasound) near5 weld adj3 seam same encod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L53	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack) near5 (colour or color) near5 encod \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L54	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack) near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L55	41	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L56	2	"4375165".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

L57	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour) near5 (code or coding or encoding or encoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L58	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour) same (code or coding or encoding or encoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L59	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L60	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) same (color or colour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L61	0	inspection adj3 (room or facility) near5 (first and second) near3 (frame or base or case or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01
L62	26	inspection adj3 (room or facility or chamber) same (first and second) near3 (frame or base or case or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 01:01

S1	15	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 20:14
S2	8	("4475394"). URPN.	USPAT	OR	ON	2008/11/19 20:18
S3	12834	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:13
S4	249	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:14
S5	1257	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:14
S6	209	S3 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:14

S7	1	S4 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:15
S8	41	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:17
S9	20	S6 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 21:17
S10	16	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S11	8	("4475394"). URPN.	USPAT	OR	ON	2009/05/05 21:19
S12	13218	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19

S13	254	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S14	1304	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S15	221	S12 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S16	2	S13 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S17	43	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19
S18	22	S15 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:19

S19	1234	(detect\$4 or sens\$4 or find\$4 or locat\$4) near5 (flaw or defect or crack) near5 (grow\$4 or expan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:22
S20	488	(compar\$4 or analyz\$4) near5 (first and second) near5 (crack or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:24
S21	10	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:24
S22	2	"7240554".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 21:28
S23	2	("7240554"). URPN.	USPAT	OR	ON	2009/05/05 21:28
S24	16	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S25	8	("4475394"). URPN.	USPAT	OR	ON	2009/07/01 17:39
S26	13339	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39

S27	256	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S28	1326	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S29	229	S26 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S30	2	S27 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S31	43	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S32	22	S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39

S33	16	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S34	8	("4475394"). URPN.	USPAT	OR	ON	2009/07/01 17:39
S35	13339	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S36	256	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) near5 (transmitter or transducer) same (echo or flaw or defect) near5 (grow\$4 or increas\$4 or expand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S37	1326	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S38	229	S35 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39



S39	2	S36 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S40	43	(ultrasonic\$4 or sonic\$ or sound\$3 or acoustic\$4 or ultrasound\$3 or supersonic\$4 or supersound\$3) same (transmitter or transducer) near5 receiver same angle near3 probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S41	22	S38 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S42	1245	(detect\$4 or sens \$4 or find\$4 or locat\$4) near5 (flaw or defect or crack) near5 (grow \$4 or expan\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S43	497	(compar\$4 or analyz\$4) near5 (first and second) near5 (crack or flaw or defect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S44	10	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S45	2	"7240554".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:39
S46	2	("7240554"). URPN.	USPAT	OR	ON	2009/07/01 17:39

S47	1	11/764937	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 17:56
S48	1	10/539270	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 00:20
S49	0	(ultrasonic or ultrasound) near5 weld adj3 seam same encod\$4 near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:25
S50	0	(ultrasonic or ultrasound) near5 weld adj3 seam same encod\$4 near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:25
S51	236	(ultrasonic or ultrasound) near5 weld adj3 seam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:25
S52	0	(ultrasonic or ultrasound) near5 weld adj3 seam same encod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:25
S53	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack) near5 (colour or color) near5 encod \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:26

S54	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack) near5 (colour or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:26
S55	41	(ultrasonic or ultrasound) near5 weld adj3 seam same (flaw or defect or crack)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:26
S56	2	"4375165".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:28
S57	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour) near5 (code or coding or encoding or encoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:42
S58	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour) same (code or coding or encoding or encoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:43
S59	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) near5 (color or colour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:43

S60	0	(ultrasonic or ultrasound) near5 weld adj3 seam same (defect or flaw or crack) same (color or colour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 02:43
S61	0	inspection adj3 (room or facility) near5 (first and second) near3 (frame or base or case or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 04:03
S62	25	inspection adj3 (room or facility or chamber) same (first and second) near3 (frame or base or case or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 04:04

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